

## **ABSTRACT**

The invention discloses a portable device providing access to the Internet. A  
5 host computer runs a browser taking information received from the Internet,  
renders it onto a virtual display in memory, reduces the color depth, compress  
and sends it to the device. Thus, the user views a bit map or raster image of a  
Web page on the device, which also contains a browser software program, that  
runs on the device containing its own window. This window contains buttons or  
10 icons providing web functions and implements scrolling on the web page  
received with respect to the window. The windows of the browsers in the host  
computer and device are adjustable in size and may be set to match for text  
formatting. The size of the web page received from the Internet is the size sent  
to the device when converted to an image, which varies with each web page  
15 received.